

Detailed Data Tables: Injection Drug Users

Table 1. People living with HIV/AIDS on December 31, 2005 by exposure mode: Massachusetts

Exposure Mode:	N	%
Male-to-male sex (MSM)	5,325	33%
Injection Drug Use (IDU)	4,264	27%
MSM/IDU	509	3%
Receipt of Blood/Blood products	124	1%
Pediatric	281	2%
• Pediatric IDU-related ¹	40	<1%
• Pediatric Non-IDU related and unknown risk	241	2%
Total Heterosexual Sex (HTSX)	2,147	13%
• HTSX w/ an Injection Drug User	899	6%
• HTSX w/ Bisexual male	35	<1%
• HTSX w/ Blood/Blood products ²	25	<1%
• HTSX w/ a person w/ HIV or AIDS	1,188	7%
Total Undetermined/Other	3,313	21%
• Presumed Heterosexual Sex ³	2,406	15%
• Undetermined/Other ⁴	910	6%
TOTAL	15,966	100%

¹ Includes children born to mothers with a primary reported risk of injection drug use or heterosexual sex with an injection drug user

² Heterosexual sex with a person who received blood/blood products

³ Heterosexual sex with a partner of unknown HIV status or risk

⁴ Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Note: The category of “presumed heterosexual sex” is used in Massachusetts to re-assign people who are reported with no identified risk but who are known to have not reported any other risks except heterosexual sex with a partner of unknown HIV status or risk. Massachusetts uses this category to distinguish these cases from other undetermined cases about which we know less. Nationally, the Centers for Disease Control and Prevention categorizes “presumed heterosexual sex” cases as “no identified risk” (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual, as it is still not clear what the exposure risk is for people in this category. Although a person may not report other risk behaviors such as injection drug use or male-to-male sex to his/her health care provider, it does not necessarily mean that he/she has not engaged in them. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.

Table 2. People diagnosed with HIV infection by exposure mode: 2003–2005¹, Massachusetts

Exposure Mode:	HIV Diagnoses	
	N	%
Male-to-male sex (MSM)	916	34%
Injection Drug Use (IDU)	402	15%
MSM/IDU	58	2%
Receipt of Blood/Blood products	8	<1%
Pediatric	21	1%
Total Heterosexual Sex (HTSX)	289	11%
• HTSX w/ an injection drug user	94	4%
• HTSX w/bisexual male	3	<1%
• HTSX w/ person who received blood/blood products	1	<1%
• HTSX w/ a person w/ HIV or AIDS	191	7%
Total Undetermined/Other	988	37%
• Presumed Heterosexual Sex ²	612	23%
• Undetermined/Other ³	376	14%
TOTAL	2,682	100%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis
² Heterosexual sex with partners with unknown risk and HIV status
³ Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow - up, and confirmed occupational exposure
 Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 3. Percentage distribution of people living with HIV/AIDS on December 31, 2005 by Health Service Region (HSR)¹ and exposure mode: Massachusetts

HSR	MSM ²	IDU ³	MSM/ IDU ⁴	HTSX ⁵	Other	Pres. HTSX ⁶	Unde- ter- mined ⁷	Total
Boston HSR	45%	18%	3%	11%	2%	15%	5%	5,211
Central HSR	21%	36%	3%	18%	4%	15%	4%	1,419
Metro West HSR	38%	16%	3%	11%	3%	21%	8%	1,985
Northeast HSR	29%	24%	3%	15%	3%	19%	8%	2,305
Southeast HSR	36%	28%	3%	15%	3%	10%	5%	2,195
Western HSR	21%	34%	3%	19%	3%	14%	5%	1,852
Prison ⁸	5%	73%	5%	6%	<1%	8%	3%	993

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence) ; see Epidemiologic Profile General Appendices, Health Service Region Maps, available at http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions

²MSM = Male-to-Male Sex

³IDU = Injection Drug Use

⁴MSM/IDU = Male-to-Male Sex and Injection Drug Use

⁵HTSX = Heterosexual Sex

⁶Pres. HTSX = Presumed Heterosexual Sex , heterosexual sex with partners with unknown risk and HIV status

⁷ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow -up, and confirmed occupational exposure

⁸ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 7/1/06

Table 4. Percent of people diagnosed with HIV infection by Health Service Region (HSR)¹ and exposure mode: Massachusetts, 2003–2005²

Health Service Region:	MSM ³	IDU ⁴	MSM/ IDU ⁵	HTSX ⁶	Other	Pres. HTSX ⁷	Unde- ter- mined ⁸	Total
Boston HSR	45%	10%	2%	8%	1%	20%	14%	877
Central HSR	23%	24%	2%	13%	3%	27%	9%	250
Metro West HSR	36%	7%	2%	9%	1%	28%	16%	362
Northeast HSR	28%	13%	2%	12%	1%	26%	18%	435
Southeast HSR	40%	15%	3%	10%	1%	17%	14%	334
Western HSR	21%	24%	3%	18%	2%	21%	12%	345
Prison ⁹	10%	47%	1%	8%	<1%	28%	6%	79
MA Total	34%	15%	2%	11%	1%	23%	14%	2,682

¹ Reflects the health service region of a person's residence at the time of report (not necessarily current residence); see Epidemiologic Profile General Appendices, Health Service Region Maps, available at http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf

² Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

³ MSM = Male-to-Male Sex

⁴ IDU = Injection Drug Use

⁵ MSM/IDU = Male-to-Male Sex and Injection Drug Use

⁶ HTSX = Heterosexual Sex

⁷ Pres. HTSX = Presumed Heterosexual Sex, heterosexual sex with partners with unknown risk and HIV status

⁸ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and confirmed occupational exposure

⁹ HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), data as of 7/1/06

Table 5. Top 10 Cities/Towns¹ in Massachusetts by proportion of HIV infection diagnoses (HIV DX) with injection drug use or injection drug use and male-to-male sex as primary reported exposure mode: 2003–2005²

Rank	City/Town	Number of HIV DX among IDU	Percent of Total HIV DX
1	New Bedford	22	42.3%
2	Holyoke	19	38.0%
3	Fall River	10	30.3%
4	Springfield	56	27.1%
5	Worcester	37	26.4%
6	Framingham	8	24.2%
7	Lawrence	16	21.6%
8	Chelsea	4	16.0%
9	Chicopee	4	15.4%
10	Revere	5	15.2%

¹ Among cities/towns with over 20 reported HIV infection diagnoses in the years 2003-2005. Note: reflects the city/town of a person's residence at the time of report (not necessarily current residence). People diagnosed while at a correctional facility are not included

² Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 6. People living with HIV/AIDS on December 31, 2005 by gender and exposure mode: Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	5,325	47%	N/A	N/A ¹
Injection drug use (IDU)	2,895	25%	1,369	30%
MSM/IDU	509	4%	N/A	N/A
Heterosexual sex	652	6%	1,495	33%
Other	234	2%	174	4%
Total Undetermined	1,753	15%	1,560	34%
• Presumed heterosexual sex ²	1,134	10%	1,272	28%
• Undetermined ³	619	5%	288	6%
Total	11,368	100%	4,598	100%

¹ N/A=Not Applicable

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 7. People diagnosed with HIV infection by gender and race/ethnicity, where the mode of exposure is injection drug use (IDU)¹, IDU-Related², or Non-IDU Related/Unknown³: Massachusetts, 2003–2005⁴

	IDU		IDU-Related		Non IDU-Related/Unknown	
Gender:	N	%	N	%	N	%
Male	340	74%	28	30%	1,528	72%
Female	120	26%	66	70%	600	28%
Race/Ethnicity:	N	%	N	%	N	%
White NH ⁵	196	43%	25	27%	827	39%
Black NH	86	19%	21	22%	766	36%
Hispanic	172	37%	48	51%	460	22%
API ⁶	2	<1%	0	0%	42	2%
AI/AN ⁷	1	<1%	0	0%	2	<1%
Unknown	3	1%	0	<1%	31	1%
Total	460	100%	94	100%	2,128	100%

¹ Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

² Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

³ Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bisexual male, Presumed Heterosexual Sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

⁴ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

⁵NH=Non-Hispanic

⁶API=Asian/Pacific Islander

⁷AI/AN=American Indian/Alaska Native

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 8. People living with HIV/AIDS on December 31, 2005 by gender and race/ethnicity, where the mode of exposure is IDU¹, IDU-Related², or Non-IDU Related³: Massachusetts

	IDU ¹		IDU-Related ²		Non IDU-Related/Unknown ³	
Gender:	N	%	N	%	N	%
Male	3,404	71%	198	21%	7,766	76%
Female	1,369	29%	741	79%	2,488	24%
Race/Ethnicity:	N	%	N	%	N	%
White NH ⁴	1,906	40%	272	29%	5,067	49%
Black NH	1,116	23%	238	25%	3,072	30%
Hispanic	1,720	36%	418	45%	1,837	18%
API ⁵	9	<1%	4	<1%	183	2%
AI/AN ⁶	10	<1%	3	<1%	9	<1%
Unknown	12	<1%	4	<1%	86	1%
Total	4,773	100%	939	100%	10,254	100%

¹ Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

² Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

³ Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bisexual male, Presumed Heterosexual Sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

⁴NH=Non-Hispanic

⁵API=Asian/Pacific Islander

⁶AI/AN=American Indian/Alaska Native

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 9. People living with HIV/AIDS on December 31, 2005 where the mode of exposure is IDU¹, gender by race/ethnicity: Massachusetts

	White NH ²		Black NH		Hispanic		Other/Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	1,242	36%	796	23%	1,347	40%	19	1%	3,404	71%
Female	664	49%	320	23%	373	27%	12	1%	1,369	29%

¹ Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex

² NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 10. People living with HIV/AIDS on December 31, 2005 where the mode of exposure is IDU-Related¹, gender by race/ethnicity: Massachusetts

	White NH ²		Black NH		Hispanic		Other/ Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	63	32%	64	32%	69	35%	2	1%	198	21%
Female	209	28%	174	23%	349	47%	9	1%	741	79%

¹ Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

² NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100 % due to rounding); data as of 7/1/06

Table 11. People diagnosed with HIV infection from 2003–2005¹ where the mode of exposure is IDU², gender by race/ethnicity: Massachusetts

	White NH ³		Black NH		Hispanic		Other/ Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	145	43%	60	18%	132	39%	3	1%	340	74%
Female	51	43%	26	22%	40	33%	3	3%	120	26%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex

³ NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 12. People diagnosed with HIV infection from 2003–2005¹ by age at HIV diagnosis where the mode of exposure is IDU², IDU-Related³, or Non-IDU Related⁴: Massachusetts

Years	IDU ²		IDU-Related ³		Non IDU-related/Unknown ⁴	
	N	%	N	%	N	%
0 to 12	0	0%	0	0%	20	1%
13 to 19	4	1%	1	3%	32	2%
20 to 24	17	4%	3	2%	144	7%
25 to 29	30	7%	17	6%	229	11%
30 to 34	62	13%	11	3%	352	17%
35 to 39	86	19%	12	2%	427	20%
40 to 44	109	24%	18	4%	373	18%
45 to 49	87	19%	18	5%	267	13%
50+	65	14%	14	4%	284	13%
Total	460	100%	94	4%	2,128	100%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

³ Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

⁴ Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bisexual male, Presumed Heterosexual Sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 13. People living with HIV/AIDS on December 31, 2005 by current age where the mode of exposure is IDU¹, IDU-Related², or Non-IDU Related⁴: Massachusetts

Years	IDU ¹		IDU-Related ²		Non IDU-related/Unknown ³	
	N	%	N	%	N	%
0 to 12	0	0%	1	<1%	81	1%
13 to 19	0	0%	30	3%	146	1%
20 to 24	17	<1%	15	2%	168	2%
25 to 29	66	1%	44	5%	439	4%
30 to 34	191	4%	79	8%	879	9%
35 to 39	639	13%	151	16%	1,687	16%
40 to 44	1,214	25%	203	22%	2,333	23%
45 to 49	1,271	27%	185	20%	1,914	19%
50+	1,375	29%	231	25%	2,607	25%
Total	4,773	100%	939	100%	10,254	100%

¹ Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

² Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

³ Includes MSM, heterosexual sex with a person with HIV or AIDS, heterosexual sex with a bisexual male, Presumed Heterosexual Sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 14. Reported AIDS cases by exposure mode and year of diagnosis: Massachusetts, 1985–2005¹

	MSM ²		IDU ³		MSM/ IDU ⁴		HTSX ⁵		Other		Pres. HTSX ⁶		Undeter- mined ⁷		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
1985	141	63%	32	14%	12	5%	7	3%	13	6%	17	8%	3	1%	225
1990	478	44%	344	32%	45	4%	74	7%	58	5%	53	5%	27	3%	1,079
1995	436	31%	579	41%	63	5%	165	12%	35	3%	68	5%	53	4%	1,399
1996	352	30%	446	38%	35	3%	173	15%	33	3%	68	6%	53	5%	1,160
1997	243	27%	366	40%	35	4%	122	13%	21	2%	80	9%	49	5%	916
1998	253	26%	348	36%	31	3%	126	13%	17	2%	139	14%	51	5%	965
1999	232	25%	369	40%	27	3%	117	13%	5	1%	152	16%	26	3%	928
2000	174	22%	263	34%	16	2%	132	17%	10	1%	150	19%	33	4%	778
2001	166	24%	206	30%	27	4%	108	15%	14	2%	133	19%	44	6%	698
2002	164	25%	184	28%	22	3%	104	16%	6	1%	130	20%	51	8%	661
2003	128	23%	158	28%	14	3%	87	16%	10	2%	101	18%	59	11%	557
2004	146	25%	143	24%	17	3%	68	12%	8	1%	124	21%	78	13%	584
2005 ¹	143	28%	110	22%	16	3%	65	13%	3	1%	104	21%	65	13%	506

¹ 2005 data are preliminary² MSM = Male-to-Male Sex³ IDU = Injection Drug Use⁴ MSM/IDU = Male-to-Male Sex and Injection Drug Use⁵ HTSX = Heterosexual Sex⁶ Pres. HTSX = Presumed Heterosexual Sex, heterosexual sex with partners with unknown risk and HIV status⁷ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 28. Deaths among persons reported with HIV/AIDS by exposure mode and year of death: Massachusetts, 1999–2005¹

	MSM ²		IDU ³		MSM/ IDU ⁴		HTSX ⁵		Other		Pres. HTSX ⁶		Undeter- mined ⁷		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
1999	72	18%	214	54%	18	5%	33	8%	14	4%	30	8%	17	4%	398
2000	76	20%	203	54%	16	4%	25	7%	13	3%	27	7%	14	4%	374
2001	91	22%	218	52%	20	5%	29	7%	7	2%	29	7%	29	7%	423
2002	77	20%	202	54%	17	5%	36	10%	9	2%	24	6%	12	3%	377
2003	73	19%	197	50%	17	4%	46	12%	8	2%	28	7%	22	6%	391
2004	61	18%	167	51%	19	6%	26	8%	8	2%	26	8%	23	7%	330
2005 ¹	44	15%	163	54%	13	4%	32	11%	3	1%	25	8%	20	7%	300

¹ 2005 data are preliminary² MSM = Male-to-Male Sex³ IDU = Injection Drug Use⁴ MSM/IDU = Male-to-Male Sex and Injection Drug Use⁵ HTSX = Heterosexual Sex⁶ Pres. HTSX = Presumed Heterosexual Sex, heterosexual sex with partners with unknown risk and HIV status⁷ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); data as of 7/1/06

Table 15. Deaths among persons reported with AIDS by mode of exposure and year of death: Massachusetts, 1985–2005¹

	MSM ²		IDU ³		MSM/ IDU ⁴		HTSX ⁵		Other		Pres. HTSX ⁶		Unde- ter- mined ⁷		To- tal
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
1985	72	61%	16	13%	8	7%	0	0%	10	8%	11	9%	2	2%	119
1990	352	56%	156	25%	27	4%	25	4%	28	4%	28	4%	16	3%	632
1995	439	37%	453	38%	41	3%	134	11%	41	3%	29	2%	47	4%	1,184
1996	259	33%	335	42%	31	4%	88	11%	20	3%	36	5%	26	3%	795
1997	95	25%	184	48%	20	5%	48	12%	13	3%	6	2%	20	5%	386
1998	83	25%	181	55%	8	2%	29	9%	3	1%	12	4%	16	5%	332
1999	63	18%	187	54%	18	5%	29	8%	14	4%	25	7%	13	4%	349
2000	70	21%	177	53%	16	5%	23	7%	13	4%	23	7%	13	4%	335
2001	83	22%	182	49%	20	5%	26	7%	6	2%	29	8%	23	6%	369
2002	68	21%	166	52%	14	4%	31	10%	9	3%	18	6%	11	3%	317
2003	65	20%	160	49%	14	4%	39	12%	8	2%	22	7%	19	6%	327
2004	47	17%	137	50%	17	6%	23	8%	7	3%	20	7%	21	8%	272
2005 ¹	36	15%	135	55%	11	4%	24	10%	1	<1%	22	9%	18	7%	247

¹ 2005 data are preliminary² MSM = Male-to-Male Sex³ IDU = Injection Drug Use⁴ MSM/IDU = Male-to-Male Sex and Injection Drug Use⁵ HTSX = Heterosexual Sex⁶ Pres. HTSX = Presumed Heterosexual Sex, heterosexual sex with partners with unknown risk and HIV status⁷ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow -up, and confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding) ; data as of 7/1/06

Table 16. Percentage of Massachusetts Youth Risk Behavior Survey (YRBS) respondents reporting lifetime (ever) injection drug use by year and gender: Massachusetts , 1993–2005¹

Year	Males		Females		<u>Total</u> Males + Females	
	%	Total N ²	%	Total N ²	%	Total N ²
1993	3.8%	1,492	1.2%	1,535	2.6%	3,031
1995	4.5%	2,056	1.0%	2,038	2.8%	4,102
1997	2.9%	1,966	1.1%	1,953	2.0%	3,930
1999	3.6%	2,188	1.6%	2,178	2.7%	4,382
2001	2.4%	2,098	0.9%	2,032	1.7%	4,144
2003	2.9%	1,765	1.5%	1,816	2.2%	3,588
2005	1.9%	1,663	0.8%	1,786	1.5%	3,468

¹ A random sample of high schools is selected for participation each year ; data presented do NOT represent cohorts followed over time

² Total N = total number of respondents by sex. The number of respondents for each question varies because not all questions are asked of everyone taking the survey and , even when the question is asked , some survey participants do not provide an answer

Data Source: Massachusetts Department of Education

Table 17. Characteristics of state-funded needle exchange program clients: Massachusetts, fiscal year 2006¹

Gender:	N	%
Male	3,782	71%
Female	1,457	27%
Transgender	13	<1%
Undetermined ²	96	2%
Age, in Years ³ :	N	%
18-19	241	5%
20-29	2,305	43%
30-39	1,277	24%
40-49	1,048	20%
50+	477	9%
Race/Ethnicity:	N	%
White Non-Hispanic	4,229	79%
Black/African American Non-Hispanic	286	5%
Hispanic	531	10%
Asian Non-Hispanic	34	1%
Native Hawaiian/Pacific Islander Non-Hispanic	12	<1%
American Indian/Alaskan Native Non-Hispanic	25	<1%
Multi-Race	8	<1%
Unidentified Race Non-Hispanic	34	1%
Undetermined ²	189	4%
Sexual Orientation:	N	%
Heterosexual	4,374	82%
Bisexual	218	4%
Gay/lesbian	118	2%
Undetermined ²	638	12%
Needle Sharing Frequency:	N	%
Always	113	2%
Sometimes	1,530	29%
Never	2,206	41%
Undetermined ²	1,499	28%
Age at First Injection:	N	%
Under age 20 years	1,834	34%
Age 20 years and above	2,809	53%
Undetermined ²	705	13%
Total	5,348	100%
¹ July 1, 2004 through June 30, 2005		
² Undetermined includes participants who declined to include this information, were not asked this information or for whom the information is otherwise missing		
³ Age is calculated by taking the average age at time of needle exchange throughout the year		
Data Source: MDPH HIV/AIDS Bureau		

Table 18. Admissions to state-funded substance abuse treatment programs by needle use in the past year : Massachusetts, state fiscal year¹ 1996–2005

Year	Used Needle		Did Not Use Needle		Total
	N	%	N	%	N
1996	20,480	21%	79,333	79%	99,813
1997	22,262	21%	82,730	79%	104,992
1998	27,293	24%	87,851	76%	115,144
1999	29,437	25%	86,483	75%	115,920
2000	32,880	28%	86,344	72%	119,224
2001	33,133	27%	87,552	73%	120,685
2002	35,599	29%	87,867	71%	123,466
2003	35,168	30%	80,387	70%	115,555
2004	31,466	31%	69,607	69%	101,073
2005	32,418	31%	70,652	69%	103,070

¹ July 1 of previous year – June 30 of the indicated year
Data Source: MDPH Bureau of Substance Abuse Services

Table 19. Admissions to state-funded substance abuse treatment programs by primary substance : Massachusetts, state fiscal year¹ 1996–2005

Year	Alcohol		Cocaine		Crack		Heroin		Other		Total
	N	%	N	%	N	%	N	%	N	%	N
1996	51,736	52%	7,592	8%	7,746	8%	25,630	26%	7,109	7%	99,813
1997	56,075	53%	6,718	6%	7,025	7%	27,313	26%	7,861	7%	104,992
1998	58,898	51%	5,899	5%	5,764	5%	35,315	31%	9,268	8%	115,144
1999	57,421	50%	5,656	5%	5,123	4%	37,352	32%	10,368	9%	115,920
2000	56,824	48%	5,098	4%	4,885	4%	41,336	35%	11,081	9%	119,224
2001	56,066	46%	4,641	4%	4,157	3%	43,370	36%	12,451	10%	120,685
2002	55,450	45%	4,623	4%	4,170	3%	45,586	37%	13,637	11%	123,466
2003	49,273	43%	4,328	4%	4,066	4%	44,055	38%	13,833	12%	115,555
2004	42,544	42%	3,652	4%	3,495	3%	38,479	38%	12,903	13%	101,073
2005	42,562	41%	3,990	4%	4,105	4%	39,169	38%	13,244	13%	103,070

¹ July 1 of previous year – June 30 of the indicated year
Data Source: MDPH Bureau of Substance Abuse Services

Table 20. Characteristics of Admissions to State-funded Substance Abuse Treatment Programs by Needle Use in the Past Year: MA, Fiscal Year 2005¹

	Total Admissions		Admissions Reporting Needle Use in the Past Year	
By Gender:	N	%	N	%
Male	73,115	71%	22,743	70%
Female	29,955	29%	9,675	30%
By Race/Ethnicity:	N	%	N	%
White, Non-Hispanic (NH)	75,498	73%	23,924	74%
Black, Non-Hispanic	10,443	10%	1,682	5%
Hispanic	13,339	13%	5,769	18%
Asian/Pacific Islander, NH	558	1%	162	<1%
American Indian, NH	297	<1%	66	<1%
Other/Unknown	2,935	3%	815	3%
By Region ² :	N	%	N	%
Western HSR	17,031	17%	4,209	13%
Central HSR	12,172	12%	4,373	13%
Northeast HSR	17,661	17%	6,428	20%
Metrowest HSR	12,972	13%	3,756	12%
Southeast HSR	22,041	21%	5,687	18%
Boston HSR	21,193	21%	7,965	25%
Out-of-state	1,264	1%	102	<1%
By Education:	N	%	N	%
Less than High School	28,824	28%	10,288	32%
High School graduate	51,881	50%	17,392	54%
More than High School	22,365	22%	4,738	15%
By Other Variables:	N	%	N	%
Employed	24,864	24%	2,804	9%
Not Employed	78,206	76%	29,614	91%
Homeless	20,683	20%	9,251	29%
Not Homeless	82,387	80%	23,167	71%
Pregnant	641	1%	327	1%
Total³	103,070	100%	32,418	100%

¹ July 1 of previous year – June 30 of the indicated year² Region is the Health Service Region (HSR) of the client's primary residence; see Epidemiologic Profile General Appendices, Health Service Region Maps, available at http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf for configuration of health service regions³ Not all categories add up to total due to missing data

Data Source: MDPH Bureau of Substance Abuse Services